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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/006,929	12/06/2001	William P. Brown	019417-000120US	9109
20350 7590 04/27/2007 TOWNSEND AND TOWNSEND AND CREW, LLP		EXAMINER		
TWO EMBAR	CADERO CENTER		BESROUR, SAOUSSEN	
	EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834		ART UNIT	PAPER NUMBER
			2131	
		·	MAIL DATE	DELIVERY MODE
			04/27/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

Supplemental Notice of Allowability

Application No.		Applicant(s)	
	10/006,929	BROWN ET AL.	
	Examiner	Art Unit	
	Saoussen Besrour	2131	

	Saoussen Besrour	2131	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not include will be mailed in due	ed course. THIS
1. This communication is responsive to <u>2/5/2007</u> .			
2. X The allowed claim(s) is/are <u>1-3, 5-12 and 15-16</u> .			
 3. ☐ Acknowledgment is made of a claim for foreign priority una) ☐ All b) ☐ Some* c) ☐ None of the: 			
 Certified copies of the priority documents have 			
Certified copies of the priority documents have	been received in Application No	·	
Copies of the certified copies of the priority do	cuments have been received in this	national stage applica	tion from the
International Bureau (PCT Rule 17.2(a)).	•		
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the red	quirements
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF
5. CORRECTED DRAWINGS (as "replacement sheets") mus	t be submitted.		
(a) including changes required by the Notice of Draftspers	on's Patent Drawing Review (PTO-	948) attached	
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date			
(b) including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the C	office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			back) of
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			Note the
Attachment(s) 1. Notice of References Cited (PTO-892)	5. Notice of Informal P	atant Application	
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	5. ☐ Notice of Informal P6. ☐ Interview Summary		
2. Notice of Draitperson's Patent Drawing Review (PTO-948)	o. ☐ Interview Summary Paper No./Mail Da		
3. Information Disclosure Statements (PTO/SB/08),	7. 🗌 Examiner's Amendr		
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's Stateme	ent of Reasons for Allo	wance
2. <u>2.009,000</u> ,	9. Other	AVAT SHEACH	∠

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

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been recorded.

DETAILED ACTION

1. This action is in response to the communication filed 2/5/2007.

2. Currently claims 1-3, 5-12 and 15-16 are pending.

3. The Terminal Disclaimer filed 2/5/2007 disclaiming the terminal portion of any patent granted on the application, which would extend beyond the expiration data of US Patent No. 6,912,668 has been reviewed and is accepted. The Terminal Disclaimer has

Allowable Subject Matter

4. Claims 1-3, 5-12 and 15-16 are allowed.

7. The following is an examiner's statement of reasons for allowance: The admitted prior art DeKoning et al. (U.S. Patent No. 6,073,218) discloses performing concurrent I/O operations on a common shared subset disk drives by a plurality of RAID controllers. Each of a plurality of Raid controllers may actively process different I/O requests on a common shared subset of disk drives. The RAID controllers exchange messages over communication medium to coordinate concurrent access to the shared subset of disk drives through the primary controller.

However, the admitted prior art does not disclose: "receiving a request from a host, by a first one of the AMFs, to perform a first operation on data stored on a first one of the resources; broadcasting a message from the first AMF to the other AMFs sharing access to the first resources so as to acquire the first resource; performing the first operation on the data by the first AMF; and sending replication and state data from the

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first AMF to the other AMFs concurrently while performing any steps of the operation, one of the other AMFs is able to complete the operation using said sent replication and state data".

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8. Any Comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comment on Statement of Reasons for Allowance."

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saoussen Besrour whose telephone number is 571-272-6547. The examiner can normally be reached on M-F 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SB

February 15, 2007

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